

APPENDIX Z

International Activities:

LIST OF IMPORT AND EXPORT LICENSES ISSUED FOR 2017

License Number	Applicant	Docket Number
PXB16.07	REVISS Services Inc.	11006142
PXB17b.11	Industrial Nuclear Company	11006012
PXB184.02	Halliburton Energy Services, Inc.	11006143
PXB1a.05	Weatherford International Inc. & Subsidiaries & Affiliate Companies	11006277
PXB200.01	Mistras Group, Inc.	11006199
PXB211.00	Weatherford International Inc. & Subsidiaries & Affiliate Companies	11006246
PXB213.00	Tucker Energy Services	11006257
PXB214.00	University of Wisconsin-Madison	11006269
PXB215a.00	ISOFLEX Radioactive, LLC	11006262
PXB215b.00	ISOFLEX Radioactive, LLC	11006262
PXB3.09	Nordion (Canada) Inc.	11006070
PXB3.10	Nordion (Canada) Inc.	11006070
PXB6.23	Alpha-Omega Services, Inc.	11006027
PXB6.24	Alpha-Omega Services, Inc.	11006027

Licenses under Appendix P to 10 CFR Part 110, "Expert and Import of Nuclear Equipment and Material" support the use of radioactive sealed sources for a variety of medical, industrial, research, and educational activities. Some applicants have previously obtained a combined export/import license to allow export or import, use, resale, and import or export back to the supplier for recycling. These combined licenses are no longer appropriate and can no longer be amended going forward, given the authorization for imports of Appendix P materials under a general license (see 10 CFR 110.27, "General License for Import"). These combined import/export licenses needing amendment are converted to export-only licenses. The 2010 changes to 10 CFR Part 110 generally necessitate specific licenses for only Appendix P, Category 1 and 2 exports.

LIST OF IMPORT AND EXPORT LICENSES: NON-APPENDIX P

License Number	Applicant	Docket Number
IW033	Perma-Fix Northwest Richland, Inc. (PFNW)	11006229
IW029/01	EnergySolutions Services, Inc.	11005896
IW009/03	AREVA Inc.	11005149
XB1310/06	Leidos, Inc.	11005525
XB1334	Siemens Corporation for Siemens Medical Solutions USA, Inc.	11006251
XB1335	Philips North America, LLC	11006260
XCOM1187/02	Sulzer Pumps (US) Inc.	11005671
XCOM1202/01	AREVA, Inc.	11005788
XCOM1202/02	Framatome Inc.	11005788
XCOM1209/01	Enrichment Technology US, Inc.	11005838
XCOM1274	Holtec International	11006128
XCOM1289/01	ATI Specialty Alloys & Components	11006177
XCOM1292/01	ATI Specialty Alloys & Components	11006186
XCOM1300	Mirion Technologies (IST) Corporation	11006221
XCOM1305	Materion Brush, Inc.	11006242



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International Activities: (continued)

LIST OF IMPORT AND EXPORT LICENSES: NON-APPENDIX P (continued)

License Number	Applicant	Docket Number
XCOM1307	Materion Brush, Inc.	11006247
XCOM1310	Curtiss-Wright Corporation	11006263
XCOM1313	Materion Advanced Chemicals	11006274
XMAT409/01	Cambridge Isotope Laboratories, Inc.	11005753
XMAT410/03	Sigma-Aldrich Co., LLC	11005754
XMAT412/02	Linde Electronics and Specialty Gases, a Division of Linde Gas North America LLC	11005876
XMAT415/02	Linde Electronics and Specialty Gases, a Division of Linde Gas North America LLC	11005907
XMAT418/02	Sigma-Aldrich Co., LLC	11005977
XMAT419/02-R	Cambridge Isotope Laboratories, Inc.	11005993
XMAT420/01	Cambridge Isotope Laboratories, Inc.	11005994
XMAT422/02	Cambridge Isotope Laboratories, Inc.	11005997
XMAT427/01	Airgas USA, LLC	11006098
XMAT427/02	Airgas USA, LLC	11006098
XMAT437	Linde Electronics and Specialty Gases, a Division of Linde Gas North America LLC	11006238
XMAT438	Sigma-Aldrich Co., LLC	11006253
XR178	Westinghouse Electric Company, LLC	11006216
XSNM3135/05	Global Nuclear Fuel-Americas, L.L.C.	11005186
XSNM3398/05	Global Nuclear Fuel-Americas, L.L.C.	11005555
XSNM3471/02	AREVA Inc.	11005652
XSNM3551/02	AREVA Inc.	11005623
XSNM3551/03	Framatome Inc.	11005623
XSNM3643/02	TN Americas LLC	11005864
XSNM3697/02	Framatome Inc.	11005959
XSNM3722/02	TN Americas LLC	11006019
XSNM3722/03	TN Americas LLC	11006019
XSNM3747/02-R	AREVA Inc.	11006110
XSNM3747/03	Framatome Inc.	11006110
XSNM3754	Thermo Fisher Scientific	11006166
XSNM3757	U.S. Department of Energy/NNSA	11006187
XSNM3763/02	Edlow International Company as an Agent for ANSTO	11006195
XSNM3768/01	Edlow International Company as an Agent for PT INUKI	11006228
XSNM3769	Westinghouse Electric Company, LLC	11006233
XSNM3770-R	Eldow International Company	11006234
XSNM3770/01	Edlow Intenational Co.	11006234
XSNM3771	Edlow International Company as Agent for SCK-CEN	11006235
XSNM3772	U.S. Department of Energy/NBL	11006236
XSNM3773	Global Nuclear Fuel-Americas, L.L.C.	11006237
XSNM3774	Thermo Fisher Scientific	11006239
XSNM3775	Thermo Fisher Scientific	11006240
XSNM3776	U.S. Department of Energy/NNSA	11006241
XSNM3777	U.S. Department of Energy/NNSA	11006244
XSNM3778	Thermo Fisher Scientific	11006255
XSNM3779	AREVA, Inc.	11006258
XSNM3780	AREVA Inc.	11006265
XSNM3780/01	Framatome Inc.	11006265



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International Activities: (continued)

LIST OF IMPORT AND EXPORT LICENSES: NON-APPENDIX P (continued)

License Number	Applicant	Docket Number
XSNM3781	AREVA, Inc.	11006267
XSNM3782/01	Framatome Inc.	11006288
XSNM3782	AREVA Inc.	11006288
XSNM3785	Global Nuclear Fuel–Americas, L.L.C.	11006278
XSNM3787	Global Nuclear Fuel–Americas, L.L.C.	11006280
XSNM3788	U.S. Department of Energy	11006283
XSNM3794	US Department of Energy NNSA	11006302
XSOU8707/06	MP Mine Operations LLC	11004455
XSOU8774/06	Materion Advanced Chemicals, Inc.	11005173
XSOU8780/07	AREVA Nuclear Materials LLC	11005211
XSOU8787/05	Urenco, Inc.	11005277
XSOU8789/07	ConverDyn	11005360
XSOU8798/06	RSB Logistic Inc.	11005445
XSOU8798/07	RSB Logistic Inc.	11005445
XSOU8827/01	MP Mine Operations LLC	11005966
XSOU8828/02	Global Advanced Metals USA, Inc.	11006003
XSOU8842	Southern Ionics Minerals, LLC	11006256
XSOU8843	Manufacturing Sciences Corporation	11006271
XW012/05	Perma-Fix Northwest, Inc.	11005699
XW015/01	AREVA Inc.	11005789
XW018/01	EnergySolutions Services, Inc.	11005897
XW022	Perma-Fix Northwest Richland, Inc. (PFNW)	11006230

Non-Appendix P Components Guide

(XSNM) denotes export of special nuclear material (plutonium, uranium-233, or uranium enriched above 0.711 percent, by weight, in the isotope uranium-235).

(XCOM) denotes export of minor reactor components or other nuclear facility (e.g., nuclear fabrication) components under NRC jurisdiction (refer to Title 10 CFR Part 110, "Export and Import of Nuclear Equipment and Material," Appendix A, Items (5)–(9), for minor reactor components and Appendices B–K and N–O for other nuclear facility components).

(XSOU) denotes export of source material (natural or depleted uranium; thorium; a mixture of uranium and thorium other than special nuclear material; or certain ores [e.g., tantalum and niobium that contain, by weight, 0.05 percent or more of the aforementioned materials for nonnuclear end use]).

(XB) denotes export of byproduct material; 10 CFR Part 110, Appendix L, for an illustrative list of byproduct materials under NRC jurisdiction.

(XR) denotes export of reactor facilities, 10 CFR Part 110, Appendix A, items (1)–(4).

(IW) denotes import of radioactive waste.

(XW) denotes export of radioactive waste.

